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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/628,116 Confirmation No. 2593
Applicant : Roman Sobolewski et al.
Filed: : July 28, 2000
TC/A.U. : 2878
Examiner : Moran, Timothy J.

Docket No. : 11856.00
Customer No. : 20686

For: : SUPERCONDUCTING SINGLE PHOTON DETECTOR

**AMENDMENT AND RESPONSE
TO DECEMBER 17, 2003 FINAL OFFICE ACTION**

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Examiner is thanked for his continuing attention to this case. If the Examiner has any questions, please do not hesitate to call the undersigned.

This Amendment and Response is filed in response to the Office action dated December 17, 2003, making this Amendment and Response due on or before Monday, April 19, 2004 upon granting of the attached Petition for One-Month Extension of Time. Please consider the following amendments and response.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.